

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of constructing orchid haploid, comprising

~~wherein dropping~~ an auxin solution is dropped to unfertilized orchid flowers;

~~so as to form~~ forming seeds based on parthenogenesis, ~~then these seeds are~~

~~germinated~~ germinating and ~~grown so as to obtain~~ growing the seed; and

obtaining an orchid haploid.

Claim 2 (Original): The method of constructing orchid haploid of claim 1,

wherein said dropping of said auxin solution to unfertilized orchid flowers is treated within 30 days after blooming.

Claim 3 (Original): The method of constructing orchid haploid of claim 1,

wherein said auxin solution is dropped to a column or a part including said column of unfertilized orchid flowers.

Claim 4 (Original): The method of constructing orchid haploid of claim 1,

wherein a concentration of said auxin solution is between 0.1 and 5.0%.

Claim 5 (Original): The method of constructing orchid haploid of claim 1,

wherein said auxin solution is selected from a group consisting of Indoleacetic acid (IAA), 4-chloro-indoleacetic acid, phenylacetic acid, 2,4-dichloro-phenoxyacetic acid (2,4-D), α -naphthaleneacetic acid (NAA), 2,6-dichloro-benzoic acid, indolebutyric acid (IBA), 4-chloro-phenoxyacetic acid, 5-chloro-indazole ethyl acetate and 2,4,5-trichloro-phenylacetic acid.

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KLB 10/10/07

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KAB 12/10/07

Claim 6 (Currently Amended): A method of constructing a seed propagation variety of orchid[[,]] comprising:

wherein dropping an auxin solution is dropped to unfertilized orchid flowers;
forming so as to form seeds based on parthenogenesis[[,]];
germinating the seeds;
judging plants grown from the germinated seeds for being haploid;
selecting the judged haploid plants; and
growing the haploid plants and these seeds are germinated and haploid plants are
selected from orchid plants thus grown, and the germinating seeds judges as haploid plants
are grown to give said seed propagation variety of orchid.

Claim 7 (Currently Amended): The method of constructing a seed propagation variety of orchid ~~of claim 6,~~ comprising:

dropping an auxin solution to unfertilized orchid flowers;
forming seeds based on parthenogenesis;
germinating the seeds;
judging plants grown from the germinated seeds for being haploid;
selecting the judged haploid plants; and
growing the haploid plants,
wherein said judgment as haploid plants are done by measuring DNA contents or the
number of chromosomes of samples obtained within a period between one to five months
after germination.